

An efficient assistance in cavity filter tuning using filter screw classification

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Labelled marker dataset from Smith chart for image processing based intelligent tuning of microwave cavity filters

Sekhri, Even IEEE DataPort 2023 / 1 p. <https://doi.org/10.21227/zfd8-xt50>

Novel band-subtraction technique to differentiate screws for microwave cavity filter tuning

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A novel real-time parametric tracking approach for robust microwave filter tuning

Sekhri, Even; Tamre, Mart; Kapoor, Rajiv; **Kumar, Rahul, 1993-** 2023 IEEE International Conference on Artificial Intelligence, Blockchain, and Internet of Things (AIBThings) 2023 / 5 p. : ill <https://doi.org/10.1109/AIBThings58340.2023.10292473>

Review of state-of-the-art microwave filter tuning techniques and liplementation of a novel tuning algorithm using expert-based hybrid learning

Sekhri, Even; Kapoor, Rajiv; **Tamre, Mart** Wireless personal communications 2024 / p. 625–681 <https://doi.org/10.1007/s11277-024-10894-x>